

**IN THE UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF TEXAS  
TYLER DIVISION**

**NETWORK-1 TECHNOLOGIES, INC.,**

**Plaintiff,**

**v.**

**HEWLETT-PACKARD COMPANY AND  
HEWLETT PACKARD ENTERPRISE  
COMPANY**

**Defendants.**

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**CASE NO. 6:13-cv-0072**

**PLAINTIFF'S LIST OF PRE-ADMITTED EXHIBITS**

Judge Robert W. Schroeder III			PLAINTIFF'S ATTORNEY Dovel & Luner, LLP; Ward, Smith & Hill, PLLC	DEFENDANT'S ATTORNEY Haltom & Doan; McDermott Will & Emery; Bartlit Beck Herman Palenchar & Scott LLP
TRIAL DATES November 6, 2017 – November 10, 2017			COURT REPORTER	COURTROOM DEPUTY
PL / Def. No.	DATE OFFERED	ADMITTED	DESCRIPTION OF EXHIBITS*	
P1			U.S. Patent 6,218,930	
P2			Assignment from Katzenberg and Deptula to Merlot	
P3			Patents Purchase, Assignment and License Agreement between Merlot and Network-1 (November 3, 2003)	
P4			Amendment to Patents Purchase, Assignment and License Agreement between Merlot and Network-1 (January 18, 2005)	
P5			Letter from Horowitz to Hurd (August 7, 2008)	
P6			Mail delivery receipt (Letter from Horowitz to Hurd) (August 14, 2008)	
P17			"Network-1 Announces Commencement of Power Up Licensing Program," Network-1 Press Release (September 8, 2005)	
P18			"Power Up Licensing Program," Network-1-Licensing (Website)	
P21			"Network-1 Announces Special Licensing Program for Early Adopters of Essential IEEE 802.3af Power over Ethernet (PoE) Technology," Network-1 Press Release (June 30, 2008)	
P28			"Method for Powered DTE (PDTE) Authentication," Amir Lehr (January 20, 2000)	
P29			"Preliminary Simulation Results for the Diode Discovery Process," Daniel Dove (March 2000)	
P30			"Common Mode and Differential Mode Discovery Techniques," Rick Brooks (May 2000)	
P31			"DTE Power via MDI: PD - Power Switch & DC/DC Converter; PSE - Integrated Detection, Power Switch & Power Control," Texas Instruments (January 2001)	
P32			"Welcome to the July 2001 Plenary Meeting of the 802.3af DTE Power via MDI Task Force," Steve Carlson (July 2001)	

P33			Minutes, IEEE 802.3 CSMA/CD Plenary (Portland, OR) (July 9-12, 2001)
P34			Email from Carlson to Thompson (July 12, 2001) RE: "Action Items - Reminders"
P37			Email from Carlson to Thompson (August 31, 2001) RE: "Merlot"
P43			Letter from Thompson to Merlot (September 21, 2001)
P44			Emails between Horowitz and Carlson (June 26, 2003) RE: "Patent"
P45			Merlot Letter of Assurance For Essential Patents (July 2, 2003)
P47			IEEE Standard 802.3af-2003
P48			IEEE Standard 802.3at-2009
P49			"Compilation of Photographs (HP) from the Expert Report of Dr. James M. Knox"
P50			"Compilation of Photographs (HP) from the Expert Report of Dr. Nathaniel Davis"
P51			HP ProCurve Power over Ethernet (PoE/PoE+) Planning and Implementation Guide
P52			HP Power over Ethernet (PoE/PoE+) Planning and Implementation Guide
P53			Power over Ethernet (PoE) for zl and yl Products Planning and Implementation Guide
P54			HP Networking E and V Series Product Guide
P55			HP ProCurve 1810G-8 Switch Installation and Getting Started Guide
P56			HP 1920 Switch Series Data Sheet
P57			HP 1920 Gigabit Ethernet Switch Series Getting Started Guide
P58			HP 2530 Switch Series Installation and Getting Started Guide
P59			PoE Operation for the Series 2600-PWR Switches
P60			HP E2910 al Switch Series QuickSpecs
P61			HP ProCurve 2915-8G-PoE and 2615-8-PoE Switches: Installation and Getting Started Guide
P62			HP 2920-48G-POE+ Switch Overview
P63			HP 2920 Switch Series Data Sheet
P64			HP 2920 Switch Series QuickSpecs
P65			HP 2920 Switches Installation and Getting Started Guide
P66			HP E3500 yl Switch Series Overview, Features, and Models
P67			HP 3600 SI Switch Series Overview
P68			HP A3600 EI Switch Series QuickSpecs
P69			HP A5500 EI Switch Series Data Sheet
P70			HP A5500 EI & A5500 SI Switch Series Installation Guide
P71			HP A5800 Switch Series Data Sheet
P72			HP A-MSR Router Series Network Management and Monitoring Configuration Guide
P73			HP MSR3000 Router Series Data Sheet
P74			HP A3000G Wireless Switch Series QuickSpecs
P75			HP 5400 zl Switch Series QuickSpecs
P76			HP 5400R zl2 Switch Series QuickSpecs
P77			HP 5400R zl2 Switch Series Data Sheet
P78			HP Switch zl2 Modules Installation Guide
P79			HP 5400 zl Switches Installation and Getting Started Guide
P80			HP 5800 TAA-compliant Switch Series Data Sheet

P81			HP 7500 Switch Series Installation Guide
P82			HP 12500 Routing Switch Series Layer 2-LAN Switching Configuration Guide
P83			HP M210 802.11n Access Point Series Data Sheet
P84			HP M210 802.11n Access Point Series Quickstart
P85			HP MSM422 Access Point Quickstart
P86			HP 517 Unified Walljack Installation Guide
P87			HPE OfficeConnect M330 802.11ac Dual Radio Access Point Series QuickSpecs
P88			HPE OfficeConnect M330 802.11ac Dual Radio Access Point Quick Start Guide
P89			HP 425 Wireless Dual Radio 802.11n Access Point Installation Guide
P90			HP A-802.11a/b/g Access Point Series Product Overview and Features
P91			HP 525 802.11ac Dual Radio Access Point Series Data Sheet
P92			HP 560 802.11ac Dual Radio Access Point Series Data Sheet
P93			HP 560 802.11ac Access Point Installation Guide
P94			HP 4120 IP Phone Quick Start Guide
P95			HP MSM430, MSM460, MSM466 802.11n AP Installation Guide
P99			Davis diagram
P100			AMIS Product Specification
P101			LTC4257 Data Sheet
P102			LTC4257-1 Data Sheet
P103			LTC4258 Data Sheet
P104			Power MOSFET
P106			LTC4266 Data Sheet (Prerelease)
P107			LTC4266 Data Sheet
P108			LTC4267 Data Sheet
P109			LTC4269-1 Data Sheet
P110			LTC4270/LTC4271 Data Sheet
P111			LTC4290/LTC4271 Data Sheet
P112			BCM5910X Technical Information
P113			BCM59101 Controller and Power Management Technology
P114			BCM59101B Data Sheet
P115			BCM59101B/BCM59103B Data Sheet
P116			BCM59103 Product Brief
P117			BCM59103 Product Brief with hand-drawn diagram
P118			BCM59111 Data Sheet
P119			BCM59111 Power over Ethernet Technology
P120			BCM59121 Data Sheet
P122			TPS2375/TPS2376/TPS2377 Data Sheet
P124			TPS2384 Data Sheet
P125			TPS2384A Data Sheet
P126			TPS54320 Data Sheet
P127			TPS23750/TPS23770 Data Sheet
P128			TPS23754/TPS23754-1/TPS23756 Data Sheet
P129			PD64004 Preliminary Datasheet
P130			PD64008 Datasheet
P131			PD64012 Preliminary Datasheet
P132			PD64012/G Data Sheet
P133			PD69012 Datasheet

P134			PD69108 Datasheet
P135			AS1124 Data Sheet
P136			MAX5940BESA Data Sheet
P137			PM8803
P154			"PDs used on HP's network," Spreadsheet
P155			"PSEs used on HP's network," Spreadsheet
P156			"UL Chooses Reliable, Stable Network from HP," HP case study
P157			"Instrumentation Laboratory supports double-digit growth with HP Networking," HP case study
P158			"Lifetime Products drives to the hoop with HP Networking," HP case study
P159			"University of New Mexico powers advanced services and meets expansion needs with help from HP Networking," HP case study
P167			"WLANs and Power over Ethernet," 3Com presentation to IEEE (July 6, 1999)
P171			Knox, Appendix 1-6[a-1]
P172			Knox, Appendix 1-6[a-2]
P173			Knox, Appendix 1-6[a-3]
P175			Knox, Appendix 2
P176			Knox, Appendix 3
P177			Knox, Appendix 4
P178			Knox, Appendix 5
P179			Knox, Appendix 6
P180			D-Link settlement agreement (May 25, 2007)
P181			Microsemi settlement agreement (August 13, 2008)
P182			NETGEAR settlement and patent license agreement (May 22, 2009)
P183			Cisco settlement and license agreement (May 25, 2011)
P184			Samsung settlement agreement, patent license agreement, and acknowledgement (March 4, 2015)
P185			Huawei patent license agreement and acknowledgment (July 6, 2015)
P186			Sony settlement agreement and patent license agreement (June 23, 2016)
P187			ALE settlement agreement and patent license agreement (July 7, 2016)
P188			Alcatel-Lucent settlement agreement, patent license agreement, stipulation of dismissal, and order dismissing (July 8, 2016)
P189			Dell settlement agreement, patent license agreement, stipulation of dismissal, and order dismissing (August 15, 2016)
P190			Polycom settlement agreement, patent license agreement, stipulation of dismissal, and order dismissing (September 29, 2016)
P191			Avaya settlement agreement (September 21, 2017)
P192			Accused HP PSEs (Mills Report, Ex. 6)
P193			Accused HP PDs (Mills Report, Ex. 7)
P194			HP financial spreadsheet
P195			HP financial spreadsheet
P196			Sales, net revenue, and gross profit for HP PSEs, includes calculation of PoE ports (Mills Report, Updated Ex. 21)
P197			Sales, net revenue, and gross profit for HP PDs, includes calculation of PoE ports (Mills Report, Updated Ex. 22)
P198			HP PoE price and profit premium (Mills Report, Ex. 26)
P199			HP GB ports (Mills Report, Ex. 28)

P200			HP GB price premium (Mills Report, Ex. 31)
P201			HP reasonable royalty for PSEs (Mills Report, Updated Ex. 39)
P202			HP reasonable royalty for PDs (Mills Report, Updated Ex. 40)
P203			"Licensing," Network-1 website
P204			Email from Horowitz to Rubenstein (May 21, 2003) RE: "IEEE Patent"
P205			HP financial spreadsheet
P206			Email from Horowitz to Conant and Keenan (July 2, 2003) RE: "IEEE Letter"
P209			HP's Response to Network-1's Second Set of Requests for Admission (no. 5) (redacted)
P210			HP's Third Supplemental Responses to Network-1's First Set of Interrogatories (no. 1) (redacted)
P211			HP's Sixth Supplemental Responses to Network-1's First Set of Interrogatories (no. 2) (redacted)
P212			HP's Fourth Supplemental Responses to Network-1's First Set of Interrogatories (nos. 3, 5) (redacted)
P215			HP's Response to Network-1's Fifth Set of Common Interrogatories (no. 15) (redacted)
P218			U.S. Patent 5,991,885
P242			Network-1 2008 Special Licensing Program
P243			IDS and Patent for U.S. Patent 7,519,842 (Certified Copies)
P244			HP's Response to Network-1's First Set of Common Interrogatories (no. 2) (redacted)
P245			HP ProCurve Power over Ethernet (PoE/PoE+) Guide
P246			LTC4266 Data Sheet
P247			LTC4267 Data Sheet
P248			LTC4290/LTC4271 Data Sheet
P249			U.S. Patent Application No. 60/123,688